

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Purakh Raj Verma et al.

: Confirmation No.: 5118

Serial No.: 10/725,670

: Examiner: Granvill D. Lee

Filed: Dec 1, 2003

: Group Art Unit: 2825

For:

LATERAL HETEROJUNCTION  
BIPOLAR TRANSISTOR AND  
METHOD OF MANUFACTURE  
USING SELECTIVE EPITAXIAL  
GROWTH**TRANSMITTAL FOR ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Response / Amendment	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> After Final	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Information Disclosure Statement, PTO Form-1449, & cited Reference(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	Return Acknowledgement Postcard
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b>	

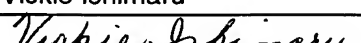
The fee, if required, has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	32	32	0	x \$50 =	\$ 0.00
Independent Claims	4	4	0	x \$200 =	\$ 0.00
If multiple claims newly presented, add \$360					
<b>TOTAL FEE</b>					<b>\$0.00</b>

- ☐ Please charge Deposit Account No. **50-0374** in the amount of \$ **0.00**. An additional copy of this transmittal sheet is submitted herewith.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. **50-0374**, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

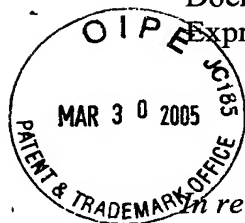
Mikio Ishimaru  
Registration No. 27,449  
Date: March 30, 2005**CERTIFICATE OF MAILING OR TRANSMISSION**I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date below: **Express Mail Label No.: EV483417875US**

Type or printed name	Vickie Ishimaru		
Signature		Date	March 30, 2005

Docket No.: 1016-033

**PATENT**

Express Mail Label No. EV483417875US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Purakh Raj Verma, et al. : Confirmation No.: 5118  
 Serial No.: 10/725,670 : Art Unit: 2825  
 Filed: 12/1/2003 : Examiner: Granvill D. Lee  
 For: LATERAL :  
 HETEROJUNCTION  
 BIPOLAR TRANSISTOR  
 AND METHOD OF  
 MANUFACTURE USING  
 SELECTIVE EPITAXIAL  
 GROWTH

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**RESPONSE / AMENDMENT TO NON-FINAL OFFICE ACTION**

Sir:

The following Amendment and Remarks are submitted under 37 C.F.R. §1.111 in response to the Office Action mailed December 30, 2004, following the amendment format set forth under 37 CFR §1.121. After this introductory section, there are Amendments to the Specification, Amendments to the Claims, and then Remarks, each starting on a separate page.

Amendments to the Specification consist of amendments for correcting typographical errors in two paragraphs, one beginning on page 12, line 25, and the other on page 13, line 12, in the "Best Mode for Carrying Out the Invention" section.

Amendments to the Claims consist of amendments for claims 1, 2, 7, 9, 10, 11, 17, 23, 25, 29, 30, and 32, which are incorporated in a complete listing of the claims.